

# INDULEKHA A G

✉ indulekhaag@gmail.com ☎ +91 8921049836 🔗 linkedin 🐙 github

## Education

---

### COLLEGE OF ENGINEERING TRIVANDRUM

NOV 2021 – MAY 2025

*Bachelor of Technology in Computer Science and Engineering*  
CGPA: 8.99

### PLACID VIDYA VIHAR, CHANGANACHERRY

MAY 2020 – MAY 2021

*XII CBSE*  
96%

### KENDRIYA VIDYALAYA NTPC KAYAMKULAM

MAY 2018 – MAY 2019

*X CBSE*  
97.2%

## Skills

---

- **Programming Languages:** C, C++, Python
- **Frontend:** HTML, CSS, JavaScript
- **Backend:** Django, Flask
- **Databases:** MySQL, SQLite

## Projects

---

- **EduNavigate** [LINK]
  - Designed a skill-based course recommendation system that leverages the K-nearest neighbors to guide users effectively.
  - Implemented advanced text summarization using the Facebook-BART/CNN model.
  - The system was built using Django (backend) and SQLite (database).
- **Hotel Management System** [LINK]
  - Developed a web application using Flask and MySQL to streamline hotel operations, featuring room bookings, amenities management, restaurant reservations, and billing processes.
  - Integrated user authentication and role-based access control for administrators and guests.
  - Created a responsive dashboard using HTML, CSS and JavaScript.
- **Pointify** [LINK]
  - Devised web-based certificate management system using HTML, CSS, and JavaScript that automated the calculation of student activity points, reducing manual processing time
  - Utilized Google's Generative AI API integration for intelligent certificate text extraction and parsing, processing multiple file formats simultaneously
- **Forest Fire Predictor** [LINK]
  - Built a machine learning-based Forest Fire Prediction system using Flask, Python, and Scikit-learn
  - Applied Logistic Regression to analyze weather data and oxygen concentration, achieving a fire risk prediction accuracy of 93%..

## Achievements

---

- Ranked among the Top 100 participants of Tink-Her-Hack 2.0, Kerala's Largest Women Only Hackathon (2024).
- Runner-up in Hacksquad 3.0, conducted by IET on campus CET (2022).